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Rotation #2, Matsuda

First year, ninth month: Autumn planting of sugar cane
Second year, twelfth month: Harvest of sugar cane. Followed by: Soy bean, sweet potato, or vegetables.

311
423

Land is seldom allowed to lie fallow intentionally for any length of time. At any one time of the year, a farmer may have idle land for which there may be a variety of reasons. He may have other tasks and be unable to cultivate all his land, or have no need of doing so, or some of his land may be so poor that he will not cultivate it unless necessary. Much depends on the individual farmer and his holdings. The village records indicate that in Hanashiro 97.2% of the rice and 83.1% of the dry crop land is under cultivation. From the preceding discussion of land classification, it is clear that many parcels are of marginal quality, and these areas may be left uncultivated, at least part of the year. During the post-war period there has been some informal lending of land, free of rent, to friends and neighbors, if the farmer is not using it himself.

[426]

24
[231]
[227]

Manual labor with hand tools is the dominant method of cultivation. Domestic animals are not uncommon, but their use in farming is minor. The war increased the dependence on manual labor through the loss of domestic animals. Only cattle are now used in rice cultivation for plowing and harrowing and this is infrequent. The man or woman and the hoe are far more common. Crops are carried from the fields by human labor. The basket or the straw container, or the tied rice sheaves on either end of a pole over the shoulder, and not horse carts, push carts, or wheel barrows are the main means of transport from field to courtyard. The barefooted farmer, with his hoe and a pole or a basket does the greatest part of the work. The common tools of agriculture are hand tools and adapted to the intensive cultivation which so often has more properly been called the work of a gardener rather than that of a farmer.

[482]
[415]
[493]

412

The basic all purpose tool is the solid bladed hoe. The hoe, since deep cuts are possible with its heavy blade, takes the place of the plow. The hoe also replaces the spade, and even the rake, for it can be used to break up and smooth the soil. A poorer farmer may lack many of the tools in the following list, but he will have two or three of the solid bladed hoes.

[434]

The accompanying illustration shows the most common agricultural tools:

1. The hera, a spatula or trowel, used for transplanting tops of the sweet potato. Its wooden hand grip curves toward the end of the tool. The hera is also used as a scraper to remove brown sugar from the sides of the cooking pans during the sugar making season.

2. The kama, a small sickle. Next to the hoe, it is the most

common and indispensable tool. It has many uses, including cutting rice stalks at harvest, brush, and sweet potato [illegible]. 412

3. A small sharp pointed hoe, with a sho[illegible], used in sweet potato planting.

4. A two pronged hoe, the futamata, used mostly with sweet potatoes. The two pronged hoe is used in softer soils. It is much more common in Matsuda than in the southern villages.

5. The three pronged hoe, the mutsumata, also used in sweet potato cultivation and in digging. These prongs, with skilful use, do not cut the potato. It is also much more common in Matsuda than in Hanashiro or Nagamo.

6. The common all purpose hoe (kuwa). It has a thick, solid, wide blade. The handle (about 3 1/2 feet long) is stout. The hoe is much sturdier than the ordinary American garden hoe.

7. Another hoe, longer and with a sharper angle between the handle and the blade. It has a variety of uses.

8. A long handled hoe with a heart shaped blade. It is used for making furrows.

9. An ordinary rake.

10. A cultivator and weeding tool for rice paddies. (The pole in back near the handle of the pitchfork is a prop to hold the tool upright for the picture). Only the more prosperous farmers possess this tool. Rice weeding is done almost entirely by hand. [934]

11. An ordinary pitchfork.

12. The plow (suki) 407

13. The harrow (maguwa), and

14. The waku, a hexagonal wooden frame used in laying out a rice field for transplanting. The last three tools or devices, which are not shown in the picture, will be described under rice cultivation. 413

3

The Annual Work Cycle

The following charts show the annual work cycle by lunar month of two farmers, one in Hanashiro, one in Matsuda. The Western calendar equivalents for 1951-52 are shown below the lunar month. Because the lunar year is shorter, there is a gap, as the period actually covered is from February 6, 1951 to January 26, 1952. These materials are based on observation and conversation with the farmers concerned. 221 241 [805] [114]

9

Domestic Animals

231 [727] The effects of the war are still to be seen in the scarcity of domestic animals (kachiku). The domestic animal population is increasing. Horses were far more numerous before the war. The same is true of cattle and oxen which, however, are more numerous than horses. All are used as draft animals, with the greatest frequency in Hanashiro. Cattle and oxen are used for plowing and harrowing in [492] [267] the rice fields; horses for pulling carts and wagons. Horse meat is not eaten. All larger animals are tethered or in stalls. They are not allowed to graze or to roam freely around the villages or on the hillsides. Since each bit of land is owned, grazing would deprive someone of needed grasses, either the young shoots or the matured 235 fibres. Chickens are generally kept in coops. Ducks have a little more freedom.

231 235 DOMESTIC ANIMALS

Animal	Hanashiro	Nagamo	Minatogawa	Matsuda
Cattle and Oxen	40	5	0	1 (80)
Horses	2	1	0	20 (90)
Pigs	125	100	150	315
Goats	50	50	40	321
Chickens	a/	30	a/	706
Ducks	0	50	a/	10
Rabbits	0	0	0	6

Source: Village clerks of each village and township records. Figures are approximate as of January 1952. Pre-war estimates where known are shown in parentheses. Villages try to keep an accurate and up to date animal census. a/ Not available, village has some

231 In all the villages studied, pig raising is the most important secondary occupation of the individual farmer or fisherman. Pig raising is old in the culture. According to Chamberlain (1895), under the old kingdom every household by law had to raise goats and pigs. Pigs were fed in part on human excrement. This practice in my observation has now been abandoned.

[434] Pigs are raised for sale. They are the most significant single source of cash for the farm family and they supplement the fisherman's cash income.

231
cash income. Pigs are seldom eaten by the family that raises them. [262]
On New Year's, a family will slaughter a pig or three or four families [527]
might co-operate in sharing one. Pork may also be served at O-Bon
and at Jūgoya, the autumn equinoctial holiday season.

A family often gets its start in pig raising by obtaining a loan [426]
from a mutual loan group. (These groups will be discussed later). A [435]
young pig may cost about ¥2000. Male pigs intended for market
(nikubuta in Japanese, shishiwa in Okinawan) are castrated two months
after birth. Keeping breeding pigs (tanebuta) is a special business. [232]
Men engaged in this business bring the boar to the pig raiser's home.
Each village has such a businessman or at least has convenient access
to one in a neighboring village. The fee usually charged is ¥200. If
the first attempt at breeding is unsuccessful, a second opportunity is
given free. On the third try, the dealer claims his fee again. In
Matsuda, there is a belief among the old that as the tide is coming in,
if a sow is in heat, the male will be able to perform, but that in the
ebb tide he cannot.

Great care is taken in housing pigs adequately, if the family is 231
able to do so. The pig sties made of stone or coral may be better 343
than the houses of their owners. This is by no means so shortsighted
or ridiculous as it might seem. Pigs are the means, one of the very
few means, by which an agricultural family may acquire substantial [434]
sums of cash. To protect this living bank account, considerable sums
are invested in fine stone, or cement floors and an adequate roof.
The pen must be strong to withstand typhoons. With a good pig pen, [511]
a sow, and a good litter, a family can look forward to improving its
financial condition and its own housing. There is great variety in the
quality of pig pens. The pen may be in combination with the outside
toilet, but with the two places completely separate; it may be part of
a larger shed which also houses the goats, the cattle, or the horse. If a
family can afford it, the pig is housed in a stone pen with stone floors,
or with other sturdy materials.

The day to day care of pigs is mostly the work of women. While 231
the husband is at work in the fields, the wife, as an incidental part 824
of her duties, goes to the nearest plot to cut sweet potato tops, or [462]
mashes sweet potatoes in the stone mortar in the compound, often with
her infant child on her back. There are three favorite varieties of
food for pigs: (1) the leaves of the sweet potato plant not suitable for
human consumption or not needed for transplanting, (2) the potato itself.
The poorer grades of potato are put in a stone mortar and are smashed
with a long pole, or pestle. (3) A cloudy liquid consisting of the
sweet potato, waste bean curd (tōfu no kasshu) and water. This is always
given warm. The pig may also get poor rice, or rice spoiled for human
consumption by submersion as a result of a typhoon, or miscellaneous
left overs from the table.

There are no ceremonies in any of the villages associated with 231
slaughtering the pig. Villagers seldom kill their own except on

226 461 month. The decline in opportunity is due, not to the weather, but to the scarcity of fish, which are said to move from these coastal waters during the winter season.

226 221 The fisherman follow the lunar calendar. The type of fish caught is determined by the season. There is some specialisation based on age and experience. Only the skilled and relatively young can successfully make a living diving for the lobster and disengaging him from the rocks [434] below. The most intense activity is during the summer months, and the cash earnings of the fishermen are greatest at this time.

226 821 Fishermen pay attention to the weather and to the moon. Part of their weather knowledge comes from traditional lore, part from observation, part from the modern storm warning systems. Fishermen do not go out if there are storm clouds overhead, especially if they are moving fast. The worst sign is an increase in the height of the waves, even if the weather is good. The phases of the moon are also considered. The half moon is the best, the quarter moon is good, but neither a full moon nor a moonless night is considered favorable. The exception is fishing for white cuttle fish, caught on winter moonlit nights. At present, official storm warning signals are universally observed. The red flag flying from a pole on the main street near the breakwater is enough to keep every fisherman at home. This faith in meteorology has not always existed. Even in recent years, fishermen have disregarded the warnings because of disbelief, or ignored them when storms did not appear following a previous warning.

226 Fishing in the Hinatogawa area is coastal (if we include distances up to twelve miles out) and is on a small scale. Much of the gear is improvised by the fishermen themselves. The methods are simple and effective, and the boats are small. This is not one of the most important fishing areas in Ryukyuan waters.[1]

226 868 [813] Men become fishermen by imitating their skilled elders. Knowledge of the fish and of the waters is imparted by word of mouth. The old men are the sources of the detailed knowledge of the currents and of the main fishing grounds, and this knowledge, held in the memory, is also transmitted orally. There are no maps or charts. Usually it takes a beginner about two years to become acquainted with the fishing areas, and about three years to have a working knowledge of the currents.

1 For a general discussion, see Aquatic resources of the Ryukyu Area. (U.S. Dept. of the Interior. Fish and Wildlife Service. Fishing Leaflet 333), Washington, 1949. This work has an interesting collection of maps and drawings of various types of nets. It is not concerned with particular areas in Okinawa, nor with customs connected with fishing.

226
136 (9) The lobster, (ebi in Japanese, ibi in Okinawan). Catching the lobster is the work of young men, usually up to 24 years of age. A man over 35 may be too old for the hard work involved. Occasionally in summer older men engage in part time lobster catching. The fisherman secures a flashlight, covered with sheet rubber, around his left wrist with a strong rubber band. The rubber casing for the flashlight [209] is often an old bicycle inner tube. The light can be turned on or off without removing the tubing. In his right hand, the diver holds a hook (ebikake in Japanese, ibikakiya in Okinawan) over 25 inches long, which he uses to dislodge the lobsters from the rocks below. Often fishermen remain in the water for three hours, the period depending on the season, the potential catch, and on how cold the fisherman becomes. The diver wears only a pair of shorts. The lobster is a year round catch, though there are few in winter. The full moon is considered bad for lobster fishing. It is not known exactly how lobster were caught in the days before flashlights. Some old men said that nets were used.

[432] On a good day, one small boat with three or four men, can catch
[A14] 150 pounds of lobster. It is not eaten frequently by the villagers, but sold to the large fishing co-operative association (Suisankumiai-rengokai). The hard and disagreeable work makes the lobster expensive. [435] At present the local market is sensitive to the tastes of the Americans in Okinawa. Weekly estimates of probable demand are furnished by the [A34] central office of the association to the local head of the fisherman's association, who in turn informs the fishermen. The lobster is considered a delicacy and is eaten only when there is a large catch and [262] the demand is low.

(10) The seabream (taisakana in Japanese, akamasu in Okinawan). The seabream is caught with a home made device shaped like a Y with a top bar: T. The base of the Y has a loop for the hook and line. [227] These wire devices are known as yamaguchi in Okinawan though the younger fishermen call it the sarukan. The fish are caught by a series of these wire devices strung along a line with a sinker at the end. The success of the catch can be judged by lifting the line. An ordinary catch will bring fish on 3 out of the 5 hooks.

These are the main fish caught in this area. There are small catches of the bonito (katsuo), the dolphin or porpoise (iruka), and the shrimp (zakoebi), and a small octopus (tako). But these are rather infrequent. There are hundreds of other fish caught, especially of different smaller sardines (awaishi).

227 The wire devices used for catching the seabream can be used in varying sizes to catch many different types of fish. Some, such as the ones described, are used for the bonito, and very small ones are employed in catching sardines.

434 593 The money earned by women in the marketing of the fish, after deduction of travel expenses, becomes part of the family funds. Women in the fishing village have custody of the family money, due to frequent and prolonged absence of their husbands. This is an unusual practice, for in the agricultural and stonecutting areas of the village the husband handles the money, with the exception of a few yen which the wife may have at home to meet incidental expenses. The custody of the money (much made over by some observers) has no special cultural significance in my observation. It is merely a convenience, based on custom and occupation. Most earnings of husband and wife are in a common fund, though older children may handle their own money.

6

Other Activities Associated with Fishing

251 [439] There is some local drying of fish for home use and export. Of the common fish, the most frequently dried are the mackerel, the swordfish, and the shark. Shark fins are dried for export to Japan; before the war, they were also sent to China. The small amounts dried in local villages are accumulated in places like Naha for shipment. Drying processes are of the simplest. The fish may be laid out on a piece of canvas on the ground in front of the house, an operation which creates a stench and an overwhelming concentration of the blow fly population. Racks may be improvised. Their ends, made of odd pieces of wood, support thin bamboo poles laid parallel, on which the fish are put to dry. Sometimes fish are hung on a line. If the weather is good, they dry in two or three weeks, but rain quickly produces spoilage if the fish are not taken in immediately. The mackerel when dried may be heated up by placing a piece over the open fire, then rolled between the palms to see if it has been heated enough, torn into shreds, and put on a plate. Occasionally a poor family of non-fishing people, or a widow, purchases whole fish or backs or fins to dry for home use or resale.

278 825 Certain fish are valued as medicines. Their scarcity in agricultural villages prevents any but the most casual use. In Minatogawa, the commonest fish used as medicines are the lobster, the white cuttle fish, and the carp (koi), though the latter fish is rare here.

[252] 759 The whole lobster is put into boiling water. After a few minutes, this broth, which is the medicine, is drained off, and the lobster is cracked open and heated, this time for preparation as a food. The broth, which is regarded as very disagreeable, is taken for a variety of ailments. Its commonest use is as a laxative, although it is also taken for swellings, boils, or gatherings of any kind (haremono), for pains in the small of the back and the loin, or for a cold. The lobster broth is regarded as a very effective medicine. A white cuttlefish soup is put to similar use. The carp is boiled in water and the broth is drunk for fevers. The carp may also be grown in village ponds.

In Hanashiro, the fish were raised for sale by the young men's association. The supply of fish is too uncertain and too seasonal for these remedies to be an effective part of the traditional medicine. Like the native plants, and many of the traditional medical practices, they are yielding to the drugs which can be found in the small village shops: stomach and headache powders, eye lotions, aspirin, and other pharmaceuticals and patent medicines.

The economic and occupational organization of village fishing is very informal. Partnerships are made on a basis of friendship and continue so until one party, for any reason, decides to leave. There are about 40 of these partnerships among the 120 odd adult fishermen.[2] The fishermen of the village also have a fisherman's association (suisankumiai) similar in function to the agricultural associations which the Japanese instituted throughout the empire. This association has a head (suisankumiaichō). Like so many official and administrative jobs in a village, these offices are thrust upon the man. He seldom seeks them. In the larger places where there is more remuneration, the man might seek the job. The head of the association is chosen by the fishermen of the village. He receives Y10 a month for each fisherman he represents. This is a supplementary job, as he could not exist on this sum. Lack of cash prevents any ambitious services to the membership. The association buys and sells gas and oil, nets, lines, hooks, and other necessary items which have been imported either from the United States or from Japan. Occasionally, the association has sufficient funds for small temporary loans for purchasing imported gear, loans from Y100 to Y 500 for a period of a week or two. The main function of the association is the exchange of information between the local head and representatives from the larger association in Naha. This becomes a study of the daily market demands; the information provided is a guide to fisherman in meeting the demand. This is all very informal. The head of the association circulates among the fishermen, giving them tips on what to expect and how prices are going.

7

The Rough Language of Hinatogawa

The Hinatogawans have one characteristic which is not shared by their agricultural neighbors of Nagano, nor indeed by any of the agricultural villages. This is their rough (arai) language, so described by Hinatogawans with a certain amount of pride. This language, if used in the other village, would be considered insulting. It is notable for the freedom with which nicknames, some funny, some disparaging, some pointed at infirmities, are used.

2 The word used here is kumiai but actually these partnerships do not have the organized co-operative character that this word usually implies when used in an economic sense.

249 forced a return to crushing the cane by the use of rollers driven by a horse at the end of a sweep. Before the war, Matsuda had sugar mills driven by machinery. Mills may either be village 423 owned, as in Hanashiro, or owned by small co-operatives, like that [427] in Matsuda whose members rent it to others when not using it themselves.

443 Village stores generally occupy the front part of a family's [467] living quarters. They are operated mainly by women. A woman past middle age sitting on the floor of her shop, talking with visitors or reading the paper, is a familiar sight in an Okinawan village. A village may have several tiny stores. They do not compete with one another in the commercial sense of the word. Prices are the same. Their inventories are the standard ones. The chief differences are in size and variety. Some sell the strong alcoholic [373] drink (awamori) called sake in Okinawa.

Each storekeeper has a clientele of friends and relatives, but one is not under social obligation to repeatedly trade at the same place. Relatives sometimes own adjoining shops. In Japan, [171] it is said that once a person starts trading at a shop he continues to do so. To switch would deprive the shopkeeper of business that could be counted on, and imply dissatisfaction with the service rendered. The first purchase creates mutual obligations between the storekeeper and his customer which are not broken casually.[1] This is not the case with these village stores. One patronizes the shop that is convenient, that is open when one wants to buy, that has the desired article. There is an informal atmosphere and lack [434] of bustle in these tiny shops because so many are operated for supplementary income by wives or female relatives of the breadwinner. A wife may sit in her shop, as I have often seen her in Minatogawa, [404] taking care of her baby, sewing on her treadle sewing machine, and interrupting her work when necessary for a customer. The cash involved is small, often only a few yen, and money is carefully accounted for. These shops satisfy a surprising amount of the village demand for food, food supplements, notions, clothing, and household goods. Larger, more expensive, or more specialized items such as books, suits, furniture are in the towns like Itoman or Naha in the south, or Nago and Ishikawa in the north.

An inventory of one of these village stores indicates the types of articles in frequent and constant demand. In one typical store in Minatogawa the following purchases could be made:

Foods

[262] Starch
[211] Condensed milk for children

1 I was told this by Japanese and by Nissei who were in Japan during the occupation. I do not know how widespread or how characteristic this practice is of all retail trade there.

1: Glacken E-5 (1951-1952) 1953 AC7 Okinawa AC7

villages have the simple interest type, with or without the bidding feature. The order of borrowing may be determined by discussion, and, if more than one person wishes a loan at the same time, lots are drawn.

In the interest (rishi) type, a man borrows, for example, Y2000 with ten men contributing Y200 each and repays Y2200 in ten monthly installments. (Here the interest is Y10 per month for each Y100 advanced). If a borrower cannot meet a payment, the members make up the deficit which then becomes an additional obligation on the part of the borrower.

Mutual loan groups were found in Matsuda and Hanashiro, though they are not so strong as in Hinatogawa. The amounts involved are less, reflecting the poorer cash standing of the farmer. Guarantors (hōshōnin) are not required since the members know one another well. Loans are generally made for the construction or repair of houses, pens, sheds, or stalls, for hiring a pig breeder, to buy a domestic animal, or to tide one over a crop failure. A group may be organized for the specific purpose of enabling each member, during the life of the loan group, to purchase a small pig.

Women may have their own groups. In Hanashiro the only group known to me was composed of women. Again, assume twenty members who advance Y100 each, a total of Y2000 initially, and who have agreed upon an interest rate of Y10 per month on each Y100 borrowed. The life of the group is twenty months. The progress of the loans and monthly repayments is shown in the following table. It illustrates the continuous turning in of principal and interest payments to furnish capital for new loans. The multiplications in parentheses show the number of members times the amount involved per member in each transaction. In Hanashiro, there are three of these women's groups. This is said to be a decline from the pre-war number.

In Matsuda these groups are not important in financing the farmer. It is estimated that there are five groups, with 15-20 members each, operating in Matsuda. Bidding may be dispensed with, the interest is divided among the borrowers and not turned back for further loans, and the sequance of borrowers is determined either by discussion or by lot. These were Y500 groups, higher monthly advances than in Hanashiro, but the principle is the same.

The limited use of these mutual loan groups in the agricultural villages may be temporary, and may not be typical of all Okinawa. According to residents of Hanashiro and Matsuda, they were not widely used before the war. They have now further declined in importance except in Hinatogawa. It is rather difficult to account for this, considering the need for money and the reluctance of villagers to go to banks and institutions for loans. The fear of red tape and entertainment costs is the chief deterrent to institutional borrowing. Perhaps the failure is merely indicative of insufficient money to lend, and inability to repay what is borrowed. Farmers have little money to advance, little surplus to repay loans from others.

436 no native money and used the Japanese cash, and that the Japanese
115 did not permit a native coinage.[2]

436 Up to the war, only bills of low denominations circulated in the villages. In Minatogawa, an old lady, now about 73, said that before the war she had never seen a ¥100 note, which at that time was worth slightly over US$25. But since the 19th century, new conditions have pried the farmer loose from barter and self-sufficiency.
434 There is little to warrant a belief that rural villages are self-
511 sufficient. The most elementary obligations, such as sending one's children to school, require cash. An average rural family of five may require from ¥40-60,000 a year.

[574] Cash outlays include: (1) Entertainment, including the purchase
[388] of sake. Entertainment is an integral part of the culture and cannot be dismissed as a luxury. (2) Clothing. (3) Fertilizer. (4) Tobacco.
[269] (5) Soap. No soap is made in the home. American soap flakes are highly prized, but generally are not purchased because of the cost. (6) Hair cutting. (7) Food and food supplements, such as noodles and vermicelli types of paste, cooking oils, salt, soy sauce, meat, fish, seaweed (kombu), rice, if not grown and purchases from the import store. (8) Fuel, charcoal, charcoal sticks. (9) Transportation for
[204] business or pleasure. (10) Newspapers. Many subscriptions are cancelled when the price goes up. (11) Tools and tool repairs, but maintenance is small after the original investment. (12) School books and
[892] contributions to schools for purchasing special items. (13) Medicines
[65] and mid-wives' fees. (14) Occasional purchases of lumber, stone, or tile. (15) Taxes.

434 In the farming areas, sugar and pigs are the only significant sources of cash income. Sweet potatoes, rice, eggs, and soy beans may be sold, but the amounts are either too small or the selling price too low to provide substantial amounts of cash. Occasionally younger sons may have jobs which bring in money, and a farmer or his sons may have a horse cart for hire.

In Minatogawa, cash outlays, in addition to the items already mentioned, are required for nets, gasoline, and oil. Cash comes from sales of fish, pigs, and stone. The lack of rice, an insufficient
[51] sweet potato crop for year round needs, imports of firewood from the north and the occasional need to purchase grasses for thatch make this community more dependent on cash than the agricultural community.

The economic problem of the fisherman is also different from that of the farmer. Both the farmer and the fisherman must pay cash for medicines, fertilizer, alcoholic drinks, clothing, various special but traditional articles of the diet, taxes, tools, and supplies. The farmer, however, can produce much of his food. He can exist on sweet potatoes, bean curd, and bean paste soup, and if need be may spend little money on food. The fisherman cannot exist on fish alone. Fishermen without fields must depend on cash earnings to buy the

2 Hawks, Perry's expediti ; to Japan, Vol. I, 160, 220-21. Chamberlain, The Luchu islands and their inhabitants, Geo. Journal 5 (1895), 313.

1: Glacken E-5 (1951-1952) 1953 AC7 Okinawa AC7

necessities of life. Fishermen are more accustomed to dealing in currency transactions and these are more frequent and freer than in the farming village.

The economic history of the average Okinawan agricultural village from the late 19th century when Japanese control became firm to the present is largely an account of the fluctuations in rice, sweet potato and sugar cane production. This history is difficult to reconstruct on a local level because of the destruction of records and inexact memories. The point is nevertheless worth making, if only to stress again that these villages are not isolated rural economies. The general experience seems to have been that crop acreages have contracted and expanded in response to local needs and to the demands of trade with Japan.

In the Hanashiro area, to use one example, there is a current interest in rice production because of its high value, and sugar cane seems to be displacing some sweet potato acreage. Sugar, even though coarse and unrefined, has a market in Japan strong enough to warrant production for the cash income at the expense of the cheap and plentiful sweet potato.

One of the most significant facts of economic life in these villages has been the maintenance of individual farms and crop variety. Plantation monoculture, subject to international price fluctuations and often conducive to local impoverishment, has not developed.

Private ownership in land, the inheritance of land within the family system, individual farms, tiny as they are, have undoubtedly been a stabilising influence on these village economies.

244
storing and are kept under the house or on a special shelf on the rafters. [251]
Onions, giant radishes, beans, and cabbages are also raised on farm [514]
lands. Night soil is rarely used for such vegetables nowadays but is still used on potatoes. Several of these vegetables as well as others are raised [462]
by women in small "home-garden" plots.

The hardest working period during the year is in July and August. 244
Within a few weeks after the rice harvest, the soil must be made ready 243
for the second rice crop or the soil must be prepared for dry paddy potatoes. This is also the time for planting the chief sugar crop. All [249]
this takes place during the hottest time of the year, when efficiency is greatly reduced by heat and humidity.

Sugar harvest and processing fall in the period between January and 249
March. One field after another is harvested by the owners after arrangements have been made for a date when the cane can be processed. Such arrangements are made with the director of the Taira cooperative, [474]
who supervises operations of the sugar mill which is owned by the cooperative. The whole family helps on the day of processing. Women carry bundles of branches and light firewood to heat the kettles. The [402]
operation requires the help of someone to feed cane into the small, diesel engine driven press, some to carry the pulp away, and others to watch the kettles in which extracted juice is boiled down to molasses. Finally, a few persons stir the brown residue in wide, open pots until it becomes stalted. Then it is put into tubs that hold about 132 pounds.

The agricultural market for cash crops was totally disrupted at the 433
end of World War II. There was no immediate outlet for sugar prod- 249
ucts; crops had been destroyed or neglected, and the sugar mill was demolished in the fighting. But by this time most people were too satisfied with the great returns from forest work to invest much time and energy in a crop which takes a year and a half to show any material results. Nevertheless, sugar was the first crop to find a market again.

Pineapple, introduced recently in Taira, has a promising future. 245
Tea is still grown in small quantities, but few families grow more than they need for their own use, although it is a good potential cash crop for this area.

ANIMAL HUSBANDRY

Raising pigs is an important source of cash income for all house- 231
holds in the village. Even the poorest families own at least one, but [434]
few families have more than two; in the central village the average is about 1.2 per household. Pigs are given special care and attention.

231 Before a piglet is bought, its feeding habits are carefully observed by
[417] the buyer to determine future growing potential. It is then kept in a sty; pigsties are either in the yard near the house or in a cluster of stables on the north edge of the town. Twice a day women cook the food in large kettles and ladle the liquid food into a trough. Nowadays
[262] pork is rarely consumed in the village except for special holidays, when
[438] several families may slaughter pigs and sell part of the meat to every-
[251] body through the local store or preserve some of it by salting. Most
[442] farmers, however, wait for the meat buyer from the southern part of the island from whom they receive a good financial return.

[417] Goats are raised for home consumption. They are never left to graze but are quartered in a goat pen near the pigsty and fed on grass cut from uncultivated land. Seven families in the central village have
[492] horses. Their main use is to carry firewood from the mountains. The small breed looks like a cross between a horse and pony and seems especially adapted to climb the steep trails. They are also used for plowing and for pulling two-wheeled carts. The owner of a horse
[434] may more than double his income from forest work. Horses are fre-
[427] quently rented out for half the day's income from wood carried by them.

Silkworm raising, an important source of income in Taira before the war, is only now being resumed by some Tairan families. The
[474] larvae are supplied through island-wide silkworm raising associations, which repurchase the cocoons after they are spun. To raise silkworms, a substantial house is needed so that rats cannot enter and eat the worms. The temporary postwar structures with holes and cracks in the walls and roof are inadequate. Only a few recently built houses can be used. One family keeps growing worms on shelves in the front room.
[137] Most of the mulberry trees were lost during and after the war. Plans have been made to plant new trees. Young girls feed the mulberry
[462] leaves to the gluttonous worms who require constant attention. When the worms are ready to create their cocoons, they are taken off their diet, and the cocoons are cleaned and sorted out. Silkworms can be raised four times a year if there is an adequate supply of mulberry
[434] leaves. Their sale brings a good income, which can become a substitute for cash earned in forest work.

FISHING

226 Fishing is a much less important source of livelihood than one would
[554] expect in a coastal village and is a low-prestige occupation. Only two

CHAPTER IV: RURAL ECONOMY

F. R. Pitts

1. Agricultural Buying, Selling and Labor

436
177 With the introduction of money economy in a more intensive form at the time of the Japanese assumption of control in Okinawa, the farmer gave up many of his oldtime practices and began to adopt through necessity more modern forms of exchange. Because his life remained essentially rural, these newer forms revolved mainly around goods and services connected with farming. Information used in the following discussion is based on notes taken in Nanahan, unless otherwise specified.

● 434 438 Sale of Farm Products and Livestock Before the war the main cash crop was sugar cane, and the sale of black sugar provided almost the entire money income of a rural household. However, if additional money was needed in emergencies, enough dried soybeans were sold to alleviate the deficit. In the coastal areas of Kanegusku, Tomigusuku and Yonagusuku the sale of reed products supplemented the income derived from sugar.

Because of the decreased acreage of rice after about 1910, rice was not a major money crop. However, the postwar decrease in sugar cane acreage coupled with a rise in acreage planted to rice and vegetables have made both the latter more available as income-producers for the farmer. Farmers with a moderate amount of rice generally sell about half, but use the money thus obtained to buy cheaper but "less delicious" imported rice if they run short---and can afford rice.

In the autumn, women from villages near Naha go out into the countryside buying vegetables and taking them by bus or three-wheeled jitney to the urban market, or to establishments that buy them for resale to military dependents at approved stores. Cabbage, for instance, in late November brings [435] a premium price of ¥8 per 'kin' (1.32 pounds), but a month later the price declines to about ¥4-5 per 'kin'. One woman will carry away about 30 kin at a time.

Poor people and widows often sell cane to the local motor-powered mill, and obtain a little more money by helping to process it. Those who are fortunate enough to afford to do the pressing and processing at a horsedrawn [435] sweep sell directly to the Agricultural Federation, or Noren, in Naha. For a one-hundred kin barrel they received in 1954 initially ¥1,100 a barrel. Later [435] on, depending upon the grade of the black sugar delivered, they were to receive more. The scale of grade-prices in 1954, as given by one farmer, was: first grade---¥1,530; second grade---¥1,430; and third grade---¥1,330. Before the war each barrel contained 120 kin, but the postwar barrels are smaller and correspondingly more easy to handle. The black sugar of Okinawa sells at a [439] premium in Japan to candy manufacturers, who prefer it to white sugar. This accounts in part for the reluctance on the part of some farmers to sell to the modern sugar mill in Haebaru-son, which chiefly makes white granulated sugar.

war level. This is due to several factors. The local prices for reed products are said to be too low, and access to Japanese markets is difficult today due to the separation of Okinawa and Japan. Since the war local food shortages and changed tastes and diet have influenced change to greater rice production. Many houses in Kanegusuku lost their mat-weaving looms during the war, depriving them of this means of support. In addition, there is some feeling that it is too time-consuming and the young girls do not like it. 286 433 178

One tsubo produces about two bundles of reed, which is worth about ¥10 a bundle when dried. Usually the reed is not sold, but is made by the producer's family into mats. Two bundles of reeds make one 'goza' mat, which sells for ¥65-100 in Naha. One person can make about two of these mats in one day. However, in almost all families this is part-time work, the woman of the house weaving in her spare time. One family in the village fortunate enough to own two looms employs two village girls full time as long as a supply of reeds is available. 286 433 [435] [464]

The covering for the 'tatami' mat is called 'tatami omote'. An individual can make about six of these per day. They are faster-made than 'goza' because the ends do not have to be tied off and bordered. These sell for about ¥45 in Naha, which place people prefer to Itoman as a market for their reed products. However, rice straw to be used in the base of 'tatami' is sold in Itoman because the cost of transporting the bulky straw to Naha would be prohibitive---it is sold for only ¥1 or ¥2 per bundle. The Agricultural Cooperative is trying to arrange for the sale of 'tatami omote' in Kagoshima where ¥85 per mat can be obtained. The first such postwar collection and sale was made early in 1954. 286 433 435

Prewar Home Industry in Yamada Before the war people in Yamada made much of their own clothing, and were self-sufficient in most of the tools they used. Most of the clothing was made by the women of the village themselves. Most women wove, and many wove constantly when not in the fields. Many had their own looms, but those who did not borrowed looms from their neighbors. 294 [286]

The usual summer garment was a kimono of banana-fiber cloth and the usual winter garment one of cotton. The former was made wholly at home, from the tree to the finished garment. For the cotton kimono the threads were purchased, usually at Kadena, already dyed, and the cloth woven at home. [291]

Several families had silkworms. They got the eggs from Japan and fed the worms on mulberry leaves they grew in their yards. These women spun and wove at home but they sometimes had professional dyers at Kadena or Naha dye the threads for them. Silk garments, like store-bought garments, were only for grand occasions. 231 283 292

Before the war some Yamada women made "panama" hats in their homes as piecework for a hat company. The company furnished the materials and bought the finished product. This was one of the few sources of cash available outside the sugar crop. Baskets, carrying bags, and raincapes made of 294 [434]

4. A Comparison of Land Tenure in Two Rural Villages: Kanegusuku and Kitazato

621 [34] Kanegusuku The village of Kanegusuku is located in the southwestern corner of Kanegusuku on approximately three miles due south of Naha on the west coast, and it is immediately north of the town of Itoman. As is typical of the old Okinawan villages it is situated on high ground with all of its houses facing in a southerly direction. Aside from a detached cluster of eleven houses, the village houses are close together in [12] a contiguous settlement. The village was selected for study because of its infrequent contact with Americans, relative lack of war damage, and a reputed antiquity and conservatism. As of December, 1953, the population was 507 persons forming 108 families occupying 103 houses. The present population is said to be about the same as before the war despite a 20% loss of life during the battle; this loss has been made up by repatriates from overseas and immigrants from other areas of Okinawa. The repatriates and some of the immigrants either had formerly resided in the village or regarded it as their ancestral home. There are nine families who were native to some other part of Okinawa before the war and have no previous connections with the village. The majority of the families have been in this village for [592] many generations. There are approximately five persons in each household, which usually consists of a nuclear family, husband and wife and their children; but the composition of a number of households has been changed due to wartime losses.

Socially the village is segmented into eight lineages which con- [613] stitute 92% of the total population; the remaining 8% is made up of unrelated families new to the village since the end of the war. One lineage includes nearly 61% of the village in its membership. Each of these lineages [582] is related to lineages in other villages. Approximately 66% of the village marriages have been within the village, and nearly 50% of the marriages have been between persons of the same kin group. Thus, the composition of the village is fairly homogeneous, and both the community and the kin groups are strong cohesive units.

621 463 241 Occupation 98 of the 103 houses are engaged full time in farming; the household heads of the five remaining houses are employed outside the village in non-agricultural pursuits although all participate in some part-time farming. In addition to these five there were approximately fifteen young men, not household heads, who also worked outside. Most of these commuted daily to the greater Naha area where they were engaged in military employment or construction work. For the majority of villagers farming was the sole occupation.

621 311 Arable Land Over 66% of the total area of this village is under cultivation, and about 38% of the cultivated land is in irrigated fields. [434] The chief sources of income derive from rice and mats made from a sedge which is grown in an irrigated field. In terms of the average amount of [136] arable land per household Kanegusuku is somewhat better off than the average for Okinawa: 1514.2 'tsubo' for Kanegusuku as compared with 1037.6 'tsubo' for Okinawa.

[Kitazato]

175 621 727 It is said that the division of the village cut across family lines and that the motivating factor in a household's choice of one site over another was the location of their remaining landholdings on the periphery of the village. Another factor was the presence of relatives in neighboring villages from whom they might secure land for rental. Thus, Kijikina is largely made up of households which have their lands on that side of the field or have relatives in neighboring Furushima; the Hama people mostly own the land at the north side of the field.

175 621 The Pre-war Village Prior to the war the village was, according to 'son' officials, a very prosperous community and a great economic asset to the 'son'. It possessed nearly 173 acres in arable land, most of which [249] was flat or gently rolling. The soil was well suited to sugar cane which [334] was the chief source of income for the village; cattle-raising for export [235] to Japan provided an additional source of income. [439]

Unlike Kanegusuku the lineages were said to be rather weak in Kitazato; there were a number of different kin groups, and no one of these was [361] dominant. The houses of the village were not tightly nucleated like those of the typical Okinawan village but were scattered about in a loose grouping in the midst of the best agricultural land.

621 311 727 Land Loss At the present time (May, 1954) approximately 39% of the total land area of this village is in airfield, and an additional 34% of the total area has been ruined by activities related to its construction (sand dumped onto fields, top soil removed, erosion, etc.). There remains but 27% of the total land area for the use of the villagers, and of this only a small percentage is in arable land, since most of the good, flat farmland [34] was lost to the airfield. The total amount of arable land remaining is 11,895 'tsubo' (less than ten acres), and this averages out to about 148 'tsubo' or 0.12 acres per household, with approximately five persons in each house. The average amounts of arable land per household in Kanegusuku, Okinawa, and Kitazato compare as follows:

Kanegusuku	---	1514.2 'tsubo'
Okinawa	---	1037.2 'tsubo' (per farm household)
Kitazato	---	148.7 'tsubo'

Land loss to the airfield affected every family in the village; some families lost all of their lands, a very few managed to retain most, but the majority of villagers (70%) lost nearly all of their holdings. For example, the mayor of the village held 2470 'tsubo' before the war and now has 570 'tsubo' left; yet, he is considered one of the more fortunate. To compensate for their losses they now farm some land which was previously left idle: "We would not have farmed such land before the war as we are farming today." Some have rented lands from neighboring villages, and a few have been given land by relatives in these villages.

621 829 727 Land Payment The people of Kitazato strongly feel that they are not being paid adequate remuneration in terms of current rental values for their land. They are well aware of the fact that the same U. S. military

000 custom in the country. Hair styles vary according to age, sex, and status.
302 All boys up to junior high school age usually have shaved heads. During the high school and junior high school years they allow the hair to grow and become quite long. This style is retained until middle age, though often it is somewhat shorter than during the school years. Old and middle-aged men generally wear their hair closely cropped. Young girls through the junior high school age wear their hair in a short bobbed style with bangs, typical of the Japanese school girl. In high school and thereafter the young woman allows her hair to grow a little longer; the bangs grow out and the permanent wave is frequently adopted. After marriage and in middle age a woman is most likely to wear her hair drawn back and tied in a bun. Older women retain the old Okinawan styles, and a few use the long hairpin as mentioned above.

[178] Prewar movies and pictures of Okinawa indicate most men were bearded, but today all are clean-shaven except for a few very old men.

178 262 Diet With few exceptions most Okinawans state that they are eating better foods and a greater variety of these than before the war. This is attributed to several factors. Sweet potatoes and vegetables formed the bulk of the prewar diet, and there was little money available for food purchases. More land is devoted to food production today than in the prewar period when sugar was the chief crop. There were food shortages throughout the Japanese Empire beginning with the Chinese war in 1937; these shortages gradually increased and became severe. After the war most Okinawans lived on American [179] canned foods for several years; canned foods were served in the civilian internment camps and later formed the bulk of the food ration. A number of [454] people asserted that this experience created a taste for other foods. Lastly the farm people have more money to spend today.

177 262 Stores in the towns and cities contain a wide variety of canned American and European foods, not to mention an even greater supply of canned Japanese foods. The important factor is that none of the American or European canned goods were available before the war. Even in the village stores American flour, Coca Cola and other carbonated and non-carbonated beverages, condensed milk, candy, gum, and cigarettes can be obtained today. American foods are said to be far superior to Japanese and Okinawan foods, but most are too expensive for the average family. American tea bags, which often contain an Indian tea far inferior to the Japanese teas, are considered the height of elegance. However, many of the adopted foods are used in a manner considerably different from customary American usage. Pitts was served french-fried whale intestines dipped in peanut butter, and mayonnaise was observed in use as [272] cooking fat. It is widely believed that some of the American soft drinks contain real fruit juices and are excellent for the health. The author was informed that people sometimes take these when they do not feel too well.

178 262 For the majority of villagers Japanese and Okinawan foods still constitute the bulk of the diet, although they say that they now enjoy a greater variety of these. Rice is more commonly eaten than before, but there is a greater reliance on prepared foods of the sort which cannot be made in the village or which they are no longer inclined to prepare themselves. Canned mackerel (selling for about 17 cents per can) is now a staple item in many

Education The Japanese established the first schools in the rural areas some time before World War I. Great emphasis was placed on making Japanese speakers and nationals out of Okinawans. Today most of the population is bilingual; those who speak only a dialect of the Ryukyuan language are persons over sixty and pre-school children. Most Okinawans have come to regard themselves as Japanese. 871 177 [191] [829]

A major change in the postwar educational system has been the addition of three years to the period of compulsory schooling, making a total of nine years. Since the schools continue to provide a Japanese education, the effect will be to increase the Japanization of Okinawa, raise literacy, and ultimately make all speakers bilingual. As a student is usually excused from all work by the family, this measure has served to withhold a large number of teenagers from the labor market.

In the rural areas the author heard frequent praise for the extension of the schooling period and the new school construction program initiated by the military government. Most rural peoples stated that educational opportunities were poor for them in the prewar period; high school education was said to be particularly difficult for a village child to achieve. Now they feel that they are realizing equality with the urban areas. The urbanite is more likely to suggest that the quality of education has deteriorated in the postwar period. Both rural and urban people were agreed that one decided improvement has been that students no longer fight among themselves. Before and during the war all students were organized into small groups based on area of residence; each group was headed by a student leader who shepherded his charges to and from school in semi-military formation. Rivalry between these organized groups frequently led to gang fighting so severe that the intervention of teachers or police was often necessary to restore order. 871 369 178 877 178

Rural people regard education as providing one of the best opportunities for improving one's status; consequently, the improvement of educational opportunities will have far-reaching effects on social mobility. Those who acquire a high school or university education rarely remain in the village, and the few who do remain adopt an occupation other than farming. 871 554

Economy Money was virtually non-existent in the old Okinawan village; barter was the chief means of exchange. Taxes under the communal land holding system were paid in grain and cloth. The land reforms initiated by the Japanese brought the introduction of tax payments in cash. Increasing emphasis on sugar production due to governmental encouragement and subsidy did much to destroy the self-sufficiency of the village and brought dependence on a cash crop. The period of Japanese administration was marked by a gradual adoption of a money economy in the rural areas. 437 436 178 177

Okinawans state that there is a far greater amount of money in the village today than in the prewar period. Some assert that due to governmental price controls they were never able to realize a fair return for their products (chiefly sugar) in the prewar era, but the great increase in money in recent years seems largely attributable to factors relating to the military occupation. Today over twenty-five percent of the total labor force is employed by the military and in subsidiary occupations such as construction; this steep rise in 434 • 178 [435] [464]

0434 salaried employees has greatly increased the amount of money in circulation.
178 The large expenditures made by members of the military forces have also con-
464 tributed significantly. The farmer, in turn, has been able to realize a larger return for his products than was formerly possible, and in many farm villages a sizable number of individuals are engaged in military employment.

Farmers are spending more than ever before; self-sufficiency has further declined in that many articles formerly made at home are now purchased.
[54] The standard of living, especially diet, is said to have improved considerably.
[54] Formerly all income and resources were controlled by the household head for the entire family; today individual purses are said to be increasingly common.

621 Community Organization and Social Structure The solidarity and
178 integration of the village was severely diminished by the war and its aftermath. The prewar village was quite homogeneous; most of its families had resided there for many generations, village marriage practices tended to be endogamous, and nearly all were engaged in farming as their major occupation. Today in most villages there are a number of families new to the village since the war, and there are an increasing number of individuals who are employed outside the village in non-agricultural pursuits. Both groups tend to play a lesser role in community affairs than the old residents who continue to farm.

476 There has been a considerable decline in reciprocal labor exchanges.
178 The man who is daily employed outside the village is autometically prevented from participating in such ventures. The widow who heads a household without any adult male members is often unable to participate or must limit her participation since a day's work by a man must be matched by two by a woman. Likewise the man who hires a bulldozer to clear some land or build a rice field instead of engaging his relatives and neighbors in a cooperative exchange is also contributing to the decline of the practice.

369 Formerly those who left the village usually emigrated to other parts
178 of the Japanese Empire, but today they usually obtain employment in the cities
621 or military camps. Consequently, they continue to exert some influence in their place of origin, since interaction is more likely.

621 In a community like Kitazato which has suffered poverty, hunger, land
178 loss, and exodus of members to other communities, there seems to be a reintensification of community spirit stressing cooperation and unity. This is in marked contrast to Kanegusuku and elsewhere, suggesting that when a major value---communal unity---is directly threatened, there is a reaction and reintensification of this value. Elsewhere where the process of change has been more subtle, no reaction has occurred.

565 Okinawan class divisions were officially abolished early in the period
177 of Japanese administration; yet they continued to be of some importance with regard to status and marriage for some time. Today people say that they are no longer of any importance except to a few of the very old. Distinctions on
[55] the basis of wealth were largely erased by the war. It is frequently said, "After the war everyone was equal."

621 Only five of these are household heads entitled to vote in village elections
464 or assume village office, but because their jobs keep them out of the community much of the time, they are not given village offices. There is some feeling on the part of the villagers that they are out of touch with the affairs of a farming village; consequently, their influence in the village thus far has not been too great.

621 Jagaru and Tobaru The villages of Jagaru and Tobaru in Chatan-son offer a
727 marked contrast to Kanegusuku in terms of the importance
464 of military employment to the community. These two contiguous communities are hemmed in on all sides by military installations. They constitute little more than housing areas within a township that has lost, according to its officials, approximately 91% of its land to military installations.

[541] Formerly nearly all of the families were engaged in farming as a full-
[178] time occupation; today less than one-sixth are farming and not all of these are able to depend on it for their sole support. Military employment has replaced farming as the chief occupation of these villages. In October of 1953 there were 2,352 persons out of a total population of 10,411 who were employed in military jobs. In addition there were a number of business establishments which were dependent on the trade of military personnel.

621 The welfare of Jagaru and Tobaru is wholly dependent on military em-
464 ployment. In the fall of 1953 there were rumors of an anticipated cut of 10% in the over-all Okinawan labor force employed by the military. This would
• [434] have made over two hundred individuals and their families without any source of income or means of livelihood. The people were much upset by this prospect as every family had at least one member employed in military jobs and were wholly or in part dependent on their income.

In contrast to Kanegusuku those who were engaged in military employment in these villages played an active role in community affairs. A great many of them are household heads, and they are not regarded as being out of touch with village affairs since the chief occupation of the villagers is
621 military employment. While the Kanegusuku people regard securing a military
464 job as good fortune, the people here regard it as a necessity. According to
829 township officials most of this year's graduating class will look for jobs in the nearby installations.

The villagers are bitter because they feel that the military has not paid them adequate rentals for the use of their land. There is also some resentment over the conduct of troops in those communities during their off-duty hours. In short, though the villages are completely dependent on the military for their livelihood, they are bitter and resentful in their attitude toward it. The possibility of job losses seems likely to heighten this feeling.

621 Henza Shima The island of Henza off the east central coast of Okinawa dif-
727 fers from the above communities in that a large segment of its
464 population is engaged in military employment and yet the village itself is far removed from any military installation. This village suffered but slight damage and no loss of life during the war. After the war over four hundred repatriates returned to the village, bringing its population up to approximately 4,900.

It
186 is also important to keep in mind that the relationship is always one of
829 American employer to Okinawan employee; consequently, the American is most
177 often the initiator of action.

464 Conclusion In a number of Okinawan communities military employment has drawn
434 off the surplus population which formerly had emigrated. In not a few communities it has become the mainstay of the economy.

464 Most Okinawans regard military employment as economically advantageous.
829 There is no stigma attached to men who are so employed, but considerable
554 stigma is attached to women who take this employment, particularly the maids.

177 The American installations are dependent to no small degree upon their
648 Okinawan employees, and in turn many Okinawan individuals and communities are
464 wholly dependent upon the military for their livelihood. Their relationship is a symbiotic one which can best be enhanced by mutual understanding; yet the social distance between the Okinawan and American is so great as to make interaction on a basis of equality rare. Because of their different cultural backgrounds and their job situations, both remain ignorant of the other's motives and values, and mutual understanding is difficult if not impossible. Common
[171] denominators in both cultures might be sought as a means of briging this gap, as, for example, their common love of sports.

3. Japan, America, and Okinawa

W. P. Suttles

829 Japan in Retrospect Okinawan attitudes toward Japan are decidedly ambivalent. Factors that have entered into the formation of these attitudes are as follows:

175 1) Historic Relations On the negative side are the historic separa-
648 tion and former independence of Okinawa. This separate status is still re-
829 membered by old people, some of whom speak of wars between Okinawa and "Yamatu" (Yamato, that is, Japan). Several illiterate old people seemed to make no distinction between the conquest and oppression of Okinawa by the feudal state of Satsuma and the later annexation by the national government, and thus seemed to be blaming Japan as a whole for wrongs done by Satsuma.

171 On the positive side there is the indisputable remote common origin
174 and basic similarity of the Japanese and the Okinawans. Racially, linguis-
177 tically, and culturally the Okinawans are closely related to the Japanese.
829 They may be said to be merely a kind of Japanese. It is highly probable that the majority of the ancestors of the Okinawans came from the north, from Japan, in the not too remote past. Their isolation made it possible for them to be politically independent and their political independence made it possible for them to escape the levelling influence of Japanese national governments, particularly that of the Tokugawa Shogunate, and for them to have closer contact with China. This accounts for their having a number of elements of Chinese culture that are not found in Japan, but it does not make them a kind of Chinese.